

Listing and Amendments to the Claims

This listing of claims will replace all previous versions and listings of claims in this application:

1. **(Currently Amended)** Method of ~~simplifying~~ embedding of watermarks in different copies of a media signal, comprising ~~the steps of~~:
 - determining watermarking properties (p) dependent on ~~the~~ [[a]] media signal (x) ~~(step 30; 58)~~, and
 - storing the ~~signal dependent watermarking~~ properties ~~(step 32; 60)~~, such that the ~~signal dependent watermarking~~ properties can be used when embedding unique watermarks in different copies of the media signal.
2. **(Currently Amended)** Method according to claim 1, further comprising ~~the step of~~ sending the media signal together with information at least based on the ~~signal depending~~ watermarking properties to at least one recipient, ~~(step 38; 62)~~.
3. **(Currently Amended)** Method according to claim 2, further comprising ~~the step of~~ embedding the unique watermarks (w_A, w_B, w_C) in different copies of the media signal using the ~~stored~~ ~~signal dependent~~ watermarking properties ~~(step 36)~~ and wherein ~~the step of sending~~ ~~comprises sending~~ a copy of the media signal is sent to each recipient with an embedded unique watermark (x_A, x_B, x_C), ~~(step 38)~~.
4. **(Currently Amended)** Method according to claim 3, further comprising ~~the step of~~ mixing watermarks for providing a unique mix of the watermarks in copies of the media signal.
5. **(Currently Amended)** Method according to claim 2, wherein ~~the step of sending~~ ~~comprises sending~~ the media signal is sent together with the ~~signal dependent~~ watermarking properties ~~(step 62)~~, for enabling embedding of a watermark by a recipient.
6. **(Currently Amended)** Method according to claim 5, further comprising ~~the step of~~ losslessly encoding the ~~signal dependent~~ watermarking properties in the media signal.

7. **(Currently Amended)** Method according to claim 1, wherein the ~~signal dependent watermarking~~ properties are based on a perceptual model of a human sensing system.

8. **(Currently Amended)** Method according to claim 1, wherein the ~~step of~~ determining and storing are performed off-line and the ~~step of~~ sending is performed on-line.

9. **(Currently Amended)** ~~Method of embedding a watermark in a media signal (x) The method according to claim 1 further comprising the step of:~~

- receiving ~~the~~ [[a]] media signal together with ~~certain~~ ~~the~~ watermarking properties (p) dependent on the media signal, (step 64), and
- embedding a watermark (w_A) based on the ~~signal dependent~~ watermarking properties (p) in a copy of the media signal (x), (step 68).

10. **(Currently Amended)** Method according to claim 10, wherein the signal properties are losslessly encoded (LE) in the media signal (x) and further comprising the ~~step of~~ losslessly decoding (LD) the ~~signal~~ watermarking properties from the media signal.

11. **(Currently Amended)** Device for ~~simplifying~~ the embedding [[of]] watermarks in different copies of a media signal comprising a server unit (10) including:

- a properties determining unit (14) for determining signal dependent watermarking properties (p) of ~~the~~ [[a]] media signal (x), and
- a signal properties store (16) for storing the signal dependent watermarking properties, such that the signal dependent watermarking properties can be used for embedding unique watermarks in different copies of the media signal.

12. **(Currently Amended)** Device according to claim 11, further comprising a sending unit (28; 52) arranged to send the media signal together with information at least based on the signal ~~depending~~ dependent watermarking properties to at least one recipient.

13. **(Currently Amended)** Device according to claim 12, further comprising at least one watermarking unit (22, 24, 26) for embedding ~~the~~ unique watermarks (w_A, w_B, w_E) in different

copies of the media signal using the stored signal dependent watermarking properties for enabling the sending of a uniquely watermarked media signal (x_A, x_B, x_C) to each recipient.

14. **(Currently Amended)** Device according to claim 13, wherein the sending unit (28) further comprises a mixing unit (50) arranged to mix watermarks such that the unique watermark sent to a recipient is a unique mix of the generated watermarks.

15. **(Currently Amended)** Device according to claim 12, wherein the sending unit (52) is arranged to send the media signal (x) together with the signal dependent watermarking properties (p), for enabling embedding of a watermark by a recipient.

16. **(Currently Amended)** Device according to claim 15, further comprising a lossless encoding unit (72) for losslessly encoding the signal dependent watermarking properties in the media signal.

17. **(Original)** Device according to claim 11, wherein the properties determining unit is arranged to determine the signal dependent watermarking properties based on a perceptual model of a human sensory system.

18. **(Currently Amended)** ~~Device (54) for embedding a watermark in a media signal~~ The device according to claim 11 further comprising:

- a receiving unit (56) for receiving the [[a]] media signal together with certain the signal dependent watermarking properties (p) dependent on the media signal (x), and
- a watermarking unit (22) arranged to embed a watermark (w_A) based on the signal dependent watermarking properties (p) in a copy of the media signal.

19. **(Currently Amended)** Device according to claim 18, wherein the signal dependent watermarking properties are losslessly encoded in the media signal and further comprising a lossless decoding unit (74) for losslessly decoding the signal dependent watermarking properties from the media signal.

20-21. **(Cancelled)**